

BRAD RAMNARINESINGH

Ontario, Canada

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Summary

Aspiring computer science student with strong problem-solving and technical skills. Experienced in software development, web design, and creating impactful solutions. Passionate about coding and teamwork, seeking opportunities to contribute to innovative projects.

Education

University of Toronto

2021 - Present

Honors Bachelor of Science in Computer Science, Mathematics, and Statistics

Toronto, Ontario

- Studied key concepts in programming, problem-solving, and data analysis, including data structures, algorithms, software engineering, probability, and statistics.
- Gained hands-on experience through coursework and assignments involving coding, mathematical problem-solving, and data interpretation.
- Applied theoretical knowledge to practical problems through projects and coursework, strengthening analytical and computational skills.

Projects

Fake News Detection AI | *TensorFlow, NLP (TF-IDF)*

- Developed a deep learning model using TensorFlow to classify news articles as real or fake, achieving high accuracy through NLP-based text analysis.
- Preprocessed text data with TF-IDF vectorization and stopwords removal, enhancing model performance on detecting misinformation.
- Evaluated model performance using precision, recall, and F1-score to ensure balanced accuracy across both real and fake news classifications.

ML House Price Prediction | *Python, Scikit-Learn, Gradient Boosting, Pandas, Matplotlib*

- Designed and implemented a machine learning model using Scikit-Learn Gradient Boosting Regressor, achieving a Mean Absolute Error of \$33,429.72 for accurate house price forecasting.
- Conducted data cleaning and feature engineering with Pandas, incorporating price trends and normalization techniques to enhance prediction accuracy.
- Visualized historical and forecasted data using Matplotlib to provide actionable insights for market analysis.

Portfolio Website | *HTML/CSS, JavaScript*

- Developed a responsive personal portfolio website using HTML, CSS, and JavaScript to showcase projects and skills in a professional layout.
- Enhanced user experience with interactive animations and hover effects, creating an engaging and polished interface across devices.
- Implemented SEO best practices and optimized website performance to ensure faster load times and better accessibility for users.

Technical Skills

Languages: Python, Java, JavaScript, HTML/CSS

Developer Tools: VS Code, PyCharm, Vercel, Git

Technologies/Frameworks: TensorFlow, Scikit-Learn, Pandas, Matplotlib, Flask, NLP (TF-IDF), WordPress

Experience

Peel Hardware and Supply

May 2023 – Present

Sales Associate

Caledon, Ontario

- Streamlined inventory organization processes, improving efficiency in stock management.
- Delivered exceptional customer service by resolving queries and offering tailored product advice.
- Collaborated with team members to ensure a well-maintained and visually appealing sales floor.